

Lin
10/665,040

REMARKS

The undersigned requests a personal interview with the Examiner in charge of this application.

The drawings were objected to for a variety of informalities. These are taken up in the order presented in the Action:

Numeral 300 has been removed from Fig. 3A. Accompanying this amendment is a replacement sheet with the numeral removed as well as an annotated version as the Examiner requested.

Element 112a has been added to Fig. 1B. Accompanying this amendment is a replacement sheet along with an annotated version.

Element 308 has been added to Fig. 3A. Accompanying this amendment is a replacement sheet along with the annotated version, showing both the removal of 300 and the addition of 308.

Regarding ribs 316, which the Examiner indicated to be missing from the drawings, these members are already shown in Fig. 3D.

Also forwarded are replacement sheets for Figs. 4A, 3C, 2C, and 2A along with annotated versions.

Claim 5 was rejected as being indefinite. This claim has been canceled.

Claims 1, 2, 5, 7, 11-17, 19-21, and 26-29 were rejected as being anticipated by Russell (4,913,266).

Claims 1, 3, 5 and 7-29 were rejected as being anticipated by Russell in an alternative interpretation.

Claims 1, 2, 5-9, 14, 15, 17, 22 and 26 were rejected as being anticipated by Garfinkel (6,536,564).

Claims 1, 3, 4, 8, 22 and 26 were rejected as being anticipated by DE-3216158.

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Russell discloses disc brakes with spaced lugs 9 mounted between the annular disc members. The Examiner construes the lugs as the bridge (in both interpretations). In the present invention, the mounting portion has an annular wall, the bridge extends between the annular wall and the inner diameter of a braking surface, and the ribs are mounted on or are proximate the bridge. This particular structure does not appear to be disclosed or suggested in this reference, or in fact any of the above references cited by the Examiner.

Garfinkel has a vented disc brake rotor and the Examiner refers to fins 144 as the ribs. In the present invention the ribs are radially extending (see Fig. 1B and other figures) as well as being on the bridge. The fins of Garfinkel are not described as ribs, they are merely there to direct air into the cooling channels and from the drawings appear to be at right angles to the disc wearing surfaces. They do not appear to be able to function as ribs.

The DE patent has members 26 which the Examiner construes as ribs but they also are not radially extending, but, in fact extend at right angles to the disc wearing surfaces.

In view of the excellent art cited by the Examiner, independent claims 1, 14 and 22 have been amended to recite that the ribs are radially extending, that the mounting portion has an annular wall, and that the bridge extends from an inner diameter to the annular wall. This basic combination of features is not taught or suggested by any of the above references either singly or in any conceivable combination.

Claims 26-29 have been canceled.

The remaining claims all depend from either of the two independent claims and add other details of Applicant's construction.

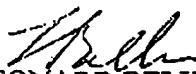
In view of the foregoing, it is believed that the claims now remaining all clearly distinguish over the art of record and should be allowed.

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A conscientious effort has been made to place this application in condition for immediate allowance. The Examiner is requested to call the undersigned or Mr. Kroll if further changes are required to obtain allowance of the application.

A favorable action is solicited.

Respectfully submitted,

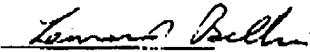

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CERTIFICATE OF FAXING

I hereby certify that this correspondence is being facsimile transmitted to the U. S. Patent and Trademark Office, telephone number 703-872-9306 on June 14, 2005.


Leonard Belkin